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American Chemical Society

PUBLIC, PROFESSIONAL, AND INTERNATIONAL
COMMUNICATION DIVISION

1155 SIXTEENTH STREET, N.W.
WASHINGTON, D.C. 20036
Phone (202) 872-4600

Richard L. Kenyon, *Director*

[redacted]

July 22, 1975

Likholobov visit may be postponed until 1976, but we would like an opinion on both by August 7.

STATINTL

Mr. Raymond Pardon
Office of Soviet Union Affairs
U.S. Department of State
Room 4229 21st & C Streets, N. W.
Washington, D. C. 20520

Dear Mr. Pardon:

(See FILE)

Ray

Enclosed is a copy of Dr. Kulakov's letter to Dr. Kenyon dated May 29, 1975, and the data sheets for U.S.S.R. research fellows, Drs. Kuznetsov and Likholobov.

In our next communication with Dr. Kulakov, we shall inform him that we are unable to arrange a visit by Dr. Kuznetsov to the Institute of Surface and Colloid Chemistry at Clarkson College, Potsdam, N.Y.

Sincerely yours,

Maria

Maria A. Snow

Encl.

State Dept. declassification & release instructions on file

See 27 May 1975
Kulakov to Kenyon
Opinion requested

7 July 1975

 TRANSLATION

ACADEMY OF SCIENCES OF THE USSR
Foreign Relations Department

May 29, 1975

Mr. Richard L. Kenyon
American Chemical Society
Communications Division
1155 Sixteenth Street, N. W.
Washington, D. C. 20036
U.S.A.

Dear Mr. Kenyon:

The Academy of Sciences is planning to send the following scientific personnel to the United States as trainees in the program of cooperation in the field of chemical catalysis:

1. Dr. KUZNETSOV, Boris Nikolayevich, junior staff scientist at the Institute of Catalysis, Siberian Department of the USSR Academy of Sciences. The subject of his scientific work is catalysis of coordination and organometallic compounds.

2. Dr. LIKHOLOBOV, Vladimir Alexandrovich, junior staff scientist at the Institute of Catalysis, Siberian Department of the USSR Academy of Sciences. The subject of his scientific work is synthesis and the study of catalysts containing consolidated palladium complexes.

Drs. B. N. Kuznetsov and V. A. Likholobov would like to arrive in the United States in September of 1975 for a period of six months.

We would appreciate hearing from you concerning the acceptability of the time periods and the time of their arrival in the U.S.

Respectfully,

[s] A. A. Kulakov
Administration Chief

Encl. Data sheets for Drs.
Kuznetsov and Likholobov - 4 pages

See 22 July 1975
Sivoo to Parker
Opinion Request
29 July 1975

DATA SHEET

For persons leaving for the U.S. under the Agreement on Scientific Exchange in the Field of Chemical Catalysis

1. Last name, first name & patronymic:	LIKHOLOBOV, Vladimir Alexandrovich
2. Date & place of birth:	August 18, 1947, Krasnograd, Kharkov Oblast'
3. Education (which institute completed and when) and degree received:	Novosibirsk State University, 1970 Ph.D. in Chemistry
4. Occupation and title:	Junior Staff Scientist, Institute of Catalysis, Siberian Department of the Academy of Sciences of the U.S.S.R.
5. Specialization:	Homogeneous Catalysis
6. Knowledge of foreign languages:	English, German - can make himself understood
7. Bibliography (titles and dates of principal publications):	1. Constants for the formation of palladium olefin complexes (II), University Abstracts, 15, No. 8, 1166, 1972. 2. Reaction kinetics of olefin oxidation by using acid group bromides and iodides of palladium (II), University Abstracts, 15, No. 10, 1485, 1972. 3. On the interaction of palladium (II) nitrate with ethylene and propylene in non-aqueous solutions, Kinetics and Catalysis, 15, No. 4, 1096, 1974. 4. Catalytic oxidation of carbon monoxide in the presence of palladium of the phosphine complexes. Kinetics and Catalysis, 15, No. 4, 1613, 1974. 5. Olefin interaction with nitric acid, Papers of the Academy of Sciences of the USSR, vol. 218, No. 14, 848, 1974. 6. Synthesis of nitril complexes of palladium bonded to SiO_2 and a comparison of their catalytic properties to the properties of soluble analogs. Preprints of the Second Franco-Soviet Seminar on Catalysis, Kiev, 1974.

8.	The subject of proposed work and cooperation:	"Synthesis and study of catalysts containing consolidated palladium complexes."
9.	Proposed program of visits (indicate scientific institutions, the names of scientists with whom it might be desirable to visit, and duration of each visit):	1. Stanford University, Prof. Collman. Carrying out scientific work on the problem of "Synthesis and the study of catalysts containing consolidated palladium complexes" by using modern research methods. Duration of the visit -- five and a half months. 2. California Institute of Technology (Los Angeles), Prof. Gange. Familiarization with methods of obtaining synthetic enzyme analogs and methods of studying them, duration of the visit -- one week. 3. University of Chicago, laboratory of Prof. Halpern. Familiarization with the theory and methods of studying homogeneous catalysts. Duration -- one week.
10.	The subject of possible lectures:	"The factors affecting the stability and reaction capacity of series of II palladium complexes with olefins."
11.	The desirable date of arrival and duration of the visit:	September 1975, six months.

Translation - M. Snow

[CHEMICAL CATALYSIS - SOVIET-AMERICAN COOPERATIVE PROGRAM, 1972-77]

DATA SHEET

1. Last name, first name, patronymic, date and place of birth:

   KUZNETSOV, Boris Nikolaevich, 1945 City of Kamen'on the Ob' River, the Altay Region

2. Scientific degree and present rank:

   Candidate of Chemical Sciences

3. Brief scientific biography (year of graduation from the university, degree and title conferred, present occupation):

   1969, Novosibirsk State University
   1973, Ph.D. in Chemistry

   Institute of Catalysis, Siberian Department of the USSR Academy of Sciences
   Junior staff scientist

4. Date of departure and duration of assignment:

   September 1975, six months

5. Knowledge of foreign languages:

   English - can make himself understood

6. Subject of scientific work in the US:

   Carrying out scientific work in "Catalysis of Coordination and Organo-metallic Compounds"

7. A list of scientific works (a maximum of 6, the year and place of publication, co-authors):

   1. "Applied catalysts, obtained by means of interacting metaloorganic compounds of transition metals with carriers." Papers of the Academy of Sciences of the USSR, 1972, 207, 3 (Yu. I. Yermakov)

   2. "Study of the interaction of bis-II-allylnickel with a silica gel surface," Kinetics and Catalysis, Vol. 13, 5, (Yu. I. Yermakov, L. G. Karakchiev, S. S. Derbeneva)

   3. "High-dispersion palladium catalysts obtained as a result of the interaction between bis-II-allylpalladium and silica-gel," Kinetics and Catalysis, vol. 14, 6, 1973. (Yu.I. Yermakov, Yu.A. Ryndin, A. M. Lazutkin)

4. "Applied catalysts, obtained by using metalo-organic compounds of transition elements," Data from the Second Soviet-Japanese Seminar on Catalysis, 1973, project No. 5 (Yu. I. Yermakov)

5. "Some properties of nickel catalysts obtained from the interaction of bis-II-allylnickel with silica gel." A report on kinetics and catalysis now being published (Yu. I. Yermakov.)

6. "Low-temperature disproportionment of olefins on catalysts obtained from the interaction of II-allyl complexes of transition metals with oxide carriers," Kinetics and Catalysis, 1974, vol.15,2 (Yu. I. Yermakov, A. N. Startsev.)

8. Subjects of proposed lectures:

Superimposed catalysts obtained through the interaction of metaloorganic compounds of transition elements with oxide carriers.

9. Program of scientific work in the US (scientific centers which would be desirable to visit; duration of visits in each center; scientists with whom it would be desirable to meet and problems that might be discussed with them):

1. Stanford University - 6 months
Prof. Collman, training for the purpose of conducting scientific work in preparation and study of catalysts of metal complexes.

2. University of Chicago - 3 days, Prof. Halpern, mechanisms of hydrating transition metals by using complexes

3. The Institute of Surface and Colloid Chemistry, [Clarkson College, Potsdam, N. Y.], Prof. Vaska. Mechanisms of activating H_2 and O_2 molecules with transition metal complexes.

4. University of Wisconsin, Dept. of Chemistry, Milwaukee, Wisconsin, Prof. Keulks, the mechanism of oxide and metallic catalyst activity.

Translation - M. Snow